



 **GreatWhite**[®]
Electricals

Secure^x
WIRES & CABLES

THE **POWER**
OF **3**

great-white.in



THE POWER OF 3

ARE YOUR SURROUNDINGS TRULY PROTECTED?

How safe do you feel in your living spaces that are surrounded by live wires - some visible while most of them hidden in concealed wiring?

Though the modern age grants us many ways of fire suppression and hazard control, prevention will always remain the remedy against threats to life and property.

With three times the protection that ordinary Cables offer, SecureX comes with Triple layered Insulation, a core made of the purest grade of copper, a base insulation of 105°C rating and excessive overload with standing capacity.

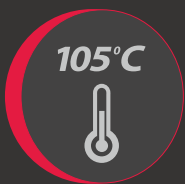


ATTRIBUTES



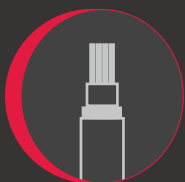
TRIPLE LAYER INSULATION FOR TRIPLE PROTECTION

SecureX Cables come with a unique triple layer insulation to ensure three times the protection - a one of its kind feature unique to SecureX wires.



105°C BASE INSULATION

The base layer consist of 105°C temperature rating as against the 70°C of any ordinary cable. The middle and top layers are exceptionally flame retardant (FR). SecureX thus ensures Triple protection of your life and property.



PURE COPPER - PUREST TO THE CORE

At the core of SecureX Cables is the highest purity Electrolytic Grade Copper as against lower grade copper used in ordinary cables that offer poor conductivity. With greater than 100% conductivity ad per IACS (International Annealed Copper Standard), the energy losses are minimal resulting in lower power bills.

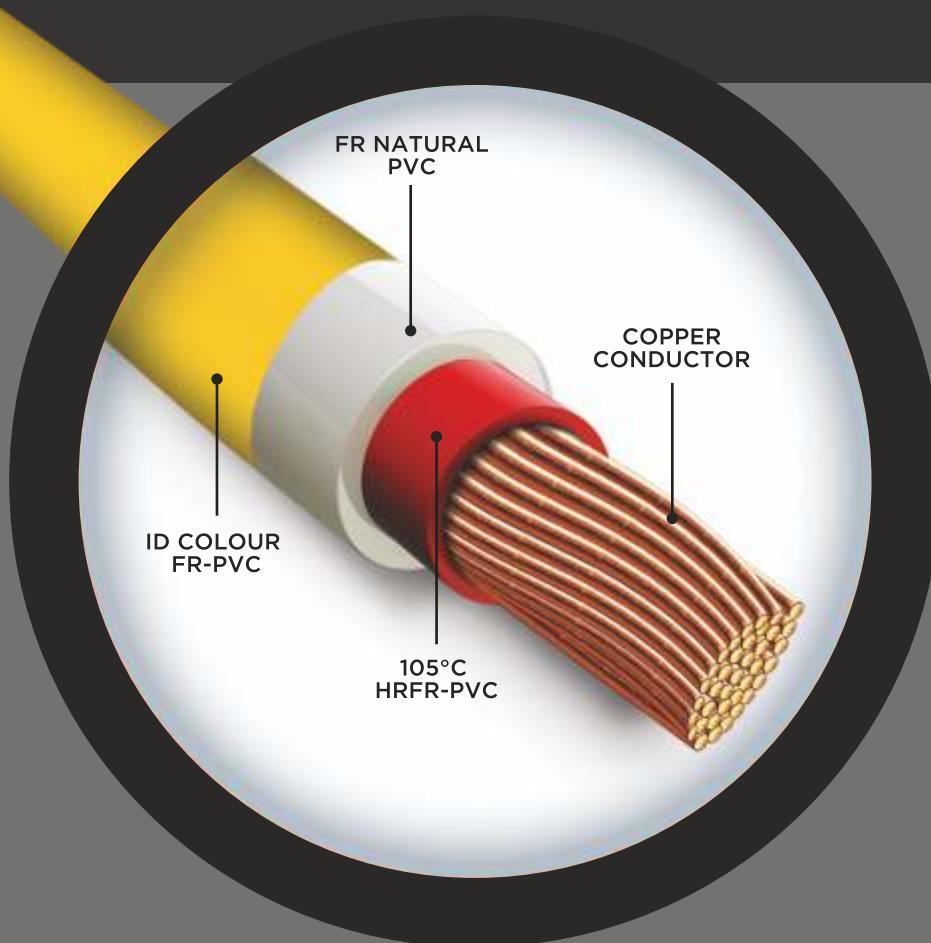


PURE PVC INSULATION

Pure, superior grade PVC resin and compounding ingredients are used to produce the in-house specially formulated and tailor-made PVC compound for each type of cable that has higher insulation resistance, thermal stability and exceptional fire retarding properties. The purity inside ensures safety, reliability and long cable life.

INTRODUCING THE **Securex** FAMILY

With over 50 years of experience in electrical solutions, we understand the importance of cables in electrical installation, as it connects various devices and appliances. The most important criterion for a cable is its suitability for a particular application and level of Safety and Protection. This is why we have 3 distinct categories of cable, ranging from normal/ regular to the special use as opposed to 'one solution for all approach, and guarantee effective Safety.



SecureX

FR-PVC With 105°C base Insulation



SUPERIOR MULTI LAYERED PROTECTION

SecureX Cables are manufactured on the state-of-the-art insulating lines employing the most advance technology for its perfectly bonded triple layer insulation.

The first Heat Resistant Flame Retardant (HRFR) layer primarily tackles heat generation caused by current flow. It also possesses flame retarding properties. The middle and top FR (Flame Retardant) layers fightandretard the fire propagation in the event of an accidental fire.

The HRFR PVC layer withstands temperature rise up to 105°C which may be caused due to excessive power draw, voltage fluctuation or spike. In addition, it acts as barrier to excessive heat transfer to the FR middle and top layer.



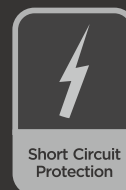
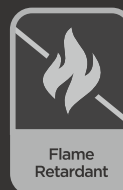
Single Core Non-Sheathed 1100V PVC insulation copper conductor cable as per IS 694

HSN CODE: 85441110

Product Code	Nominal Area of Copper Conductor mm ²	Nos. / Nom Diameter of Wire Nos. / mm	Nominal Thickness of Insulation mm	Approx Overall Diameter mm	Max DC Resistance at 20°C Ohm / km	Current Rating 2 Cable Single Phase AC/DC Amp	MRP Rs (90m)	Std Pkg 90m/180m
FR-0050	0.50	16/0.2	0.6	2.2	39.00	4	Please refer to the Price List	NA/20
FR-0075	0.75	24/0.2	0.6	2.4	26.00	7		16/12
FR-0100	1	14/0.3	0.7	2.7	18.10	13		16/12
FR-0150	1.5	22/0.3	0.7	3.0	12.10	16		12/8
FR-0250	2.5	36/0.3	0.8	3.6	7.41	22		8/6
FR-0400	4	56/0.3	0.8	4.1	4.95	29		6/4
FR-0600	6	84/0.3	0.8	4.7	3.30	37		4/3
FR-1000	10	140/0.3	1.0	6.2	1.91	51		2/NA
FR-1600	16	126/0.4	1.0	7.3	1.21	69		2/NA
FR-2500	25	196/0.4	1.2	9.2	0.78	91		1
FR-3500	35	276/0.4	1.2	10.2	0.554	111		1
FR-5000	50	396/0.4	1.4	12.3	0.386	140		1
FR-7000	70	360/0.5	1.4	14.1	0.272	215		1

Colours : Red, Yellow, Blue, Black, Green

Supplied in 90m Box Packing
0.75sq mm To 6 sq mm also available in 180m project packing
25sq mm To 70sq mm supplied in 100m



SecureX^{FR-FX}

FR-PVC With 105°C base Insulation



FLEXIBLE CABLES

With a highly flexible class 5 conductor and specially designed Flame Retardant (FR) flexible PVC insulation compound that imparts exceptional flexibility, these cables can be used in confined and constricted spaces. Our flexible cables assure maximum stretch endurance and zig zag / sharp hairpin bends without any stress to the insulation.



Single Core Non-Sheathed 1100V PVC insulation copper conductor cable as per IS 694

HSN CODE: 85441110

Product Code	Nominal Area of Conductor sqmm	Nos. / Nom Dia of Wire Nos. / mm	Nom/ins Thickness mm	Approx O/all Dia mm	Max DC Resist at 20°C Ohm / km	Current Rating 2 Cable, 1 Phase AC/DC Amp	MRP Rs (100m)
FRFX-0050	0.5	16/0.20	0.6	2.20	39	4	Please refer to the Price List
FRFX-0075	0.75	24/0.20	0.6	2.40	26	7	
FRFX-0100	1	32/0.20	0.6	2.60	19.5	12	
FRFX-0150	1.5	30/0.25	0.6	2.90	13.3	14	
FRFX-0250	2.5	50/0.25	0.7	3.50	7.98	19	
FRFX-0400	4	56/0.30	0.8	4.10	4.95	26	
FRFX-0600	6	84/0.30	0.8	4.07	3.3	31	
FRFX-1000	10	140/0.30	1.0	6.02	1.91	42	
FRFX-1600	16	126/0.40	1.0	7.30	1.21	57	
FRFX-2500	25	196/0.40	1.2	9.20	0.78	71	
FRFX-3500	35	276/0.40	1.2	10.20	0.554	111	



SecureX Plus

FR-LSH With 105°C base Insulation



FLAME RETARDANT - LOW SMOKE & HALOGEN WITH 105°C BASE INSULATION (FR-LSH)

With all properties of FR, the insulation of SecureX Plus Cables is further fortified with low smoke and low halogen emission characteristics. These Cables emit 50% less smoke as compared to other cables and with even lesser amounts of corrosive halogen acid and toxic gases. These are good to use in modern homes using multiple electrical appliances with high power draw, high rise residential buildings, commercial complex, public place, schools, hospitals, etc.



Single Core Non-Sheathed 1100V PVC insulation copper conductor cable as per IS 694

HSN CODE: 85441110

Product Code	Nominal Area of Copper Conductor mm ²	Number/Nominal Diameter of Wire Nos. / mm	Nominal Thickness of Insulation mm	Approx Overall Diameter mm	Max DC Resistance at 20°C Ohm / km	Current Rating 2 Cable Single Phase AC/DC Amp	MRP Rs (180m)	Std Pkg 180m
FL-0100	1	14/0.3	0.7	2.7	18.10	13	Please refer to the Price List	12
FL-0150	1.5	22/0.3	0.7	3.0	12.10	16		8
FL-0250	2.5	36/0.3	0.8	3.6	7.41	22		6
FL-0400	4	56/0.3	0.8	4.1	4.95	29		4
FL-0600	6	84/0.3	0.8	4.7	3.30	37		3
FL-1000	10	140/0.3	1.0	6.2	1.91	51		2/90m
FL-1600	16	126/0.4	1.0	7.3	1.21	69		2/90m



SecureX Ultra

ZHFR with 105°C base Insulation



ZERO HALOGEN FLAME RETARDANT (ZHFR) ZHFR with 105°C base Insulation

Made with best grade imported ZHFR insulation, SecureX Ultra Cables guarantee absolute zero emission of smoke and harmful toxic gases like halogen in an event of fire. Thus, SecureX Ultra Cables are best suited for superior safety of residential and commercial complexes, theatres, metro railways, chemical and nuclear plants, high security and defence installations, etc.



Single Core Crosslinked (HFI-XL 70) & Thermoplastic (HFI-TP 70)
Insulated Unsheathed 1100 Volts, Copper Conductor Cable as per IS 17048

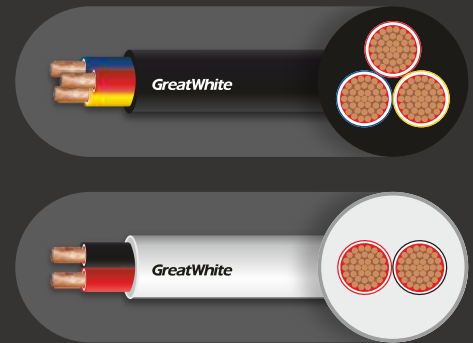
HSN CODE: 85441110

Product Code	Nominal Area of Copper Conductor mm ²	Number/Nominal Diameter of Wire Nos./mm	Nominal Thickness of Insulation mm	Approx Overall Diameter mm	Max DC Resistance at 20°C Ohm / km	Current Rating 2 Cable Single Phase AC/DC Amp	MRP Rs (180m)	Std Pkg 180m
ZH-0100	1	14/0.3	0.7	2.7	18.10	13	Please refer to the Price List	12
ZH-0150	1.5	22/0.3	0.7	3.0	12.10	16		8
ZH-0250	2.5	36/0.3	0.8	3.6	7.41	22		6
ZH-0400	4	56/0.3	0.8	4.1	4.95	29		4
ZH-0600	6	84/0.3	0.8	4.7	3.30	37		3
ZH-1000	10	140/0.3	1.0	6.2	1.91	51		2/90m
ZH-1600	16	126/0.4	1.0	7.3	1.21	69		2/90m



ROUND MULTI-CORE CABLES

GreatWhite Multi-Core Cables are available for a wide range of applications. These cables are manufactured with special FR grade highly flexible PVC insulation and matching flexible sheathing compound that imparts superior flexibility, ability to withstand stretch and compressive force for electrical appliances. These are suitable for multifarious industrial uses.



1100V PVC Insulated & Sheathed Industrial Cable As per IS 694

HSN CODE: 85441110

Nom Area of Cond sqmm	Nos. / Nom Dia of Wire Nos. / mm	Radial Thickness of Ins mm	Max DC Resist at 20°C Ohm / km	2 Core		3 Core		4 Core	
				Product Code	Current Rating Amp	Product Code	Current Rating Amp	Product Code	Current Rating Amp
0.5	16/0.20	0.6	39	RDFR 2CX0.50-100	4	RDFR 3CX0.50-100	3	RDFR 4CX0.50-100	3
0.75	24/0.20	0.6	26	RDFR 2CX0.75-100	7	RDFR 3CX0.75-100	6	RDFR 4CX0.75-100	6
1	32/0.20	0.6	19.5	RDFR 2CX1.0-100	12	RDFR 3CX1.0-100	10	RDFR 4CX1.0-100	10
1.5	30/0.25	0.6	13.3	RDFR 2CX1.5-100	16	RDFR 3CX1.5-100	14	RDFR 4CX1.5-100	14
2.5	50/0.25	0.7	7.98	RDFR 2CX2.5-100	20	RDFR 3CX2.5-100	18	RDFR 4CX2.5-100	18
4	56/0.30	0.8	4.95	RDFR 2CX4.0-100	27	RDFR 3CX4.0-100	24	RDFR 4CX4.0-100	24
6	84/0.30	0.8	3.3	RDFR 2CX6.0-100	34	RDFR 3CX6.0-100	30	RDFR 4CX6.0-100	30
10	140/0.30	1.0	1.91	RDFR 2CX10.0-100	44	RDFR 3CX10.0-100	39	RDFR 4CX10.0-100	39
16	126/0.40	1.0	1.21	RDFR 2CX16.0-100	61	RDFR 3CX16.0-100	55	RDFR 4CX16.0-100	55
25	196/0.40	1.2	0.78	RDFR 2CX25.0-100	69	RDFR 3CX25.0-100	60	RDFR 4CX25.0-100	60

Supplied in 100m Polybag Packing
*For MRP Rs (100m) Please refer to the Price List

FLAT SUBMERSIBLE CABLES

GreatWhite Flat Submersible Cables are made with tailor-made PVC compound, designed to prevent water ingress, and perform for years under water.



FLAT THREE CORE

1100V PVC Insulated & Sheathed Cable for Submersible Motor / Pump as per IS 694

HSN CODE: 85441110

Product Code *100m	Nom Cross Sec Area of Conductor sqmm	Nos & Dia of Wire Nos. /mm	Nos Ins Thickness mm	Nom Sheath Thickness mm	Approx O/all Dimension W x H mm	Max DC Resistance at 20°C Ohm / km	Current Rating Amp	Water Permeability / Penetration	MRP Rs (*100m)
FTFR 3CX1.5-100	1.5	22/0.3	0.7	1.0	11.2 x 5.1	13.3	16	Nil	Please refer to the Price List
FTFR 3CX2.5-100	2.5	36/0.3	0.8	1.1	13.3 x 5.9	7.98	20		
FTFR 3CX4.0-100	4	56/0.3	0.85	1.2	45.3 x 6.7	4.95	27		
FTFR 3CX6.0-100	6	84/0.3	0.85	1.2	17.4 x 7.4	3.3	34		
FTFR 3CX10.0-100	10	80/0.4	1.05	1.3	22.8 x 9.4	1.91	44		
FTFR 3CX16.0-100	16	126/0.4	1.05	1.4	26.3 x 10.7	1.21	61		

Supplied in 100m Polybag Packing
*Longer Length in Multiple of 100m can be supplied upto 100m

TELEPHONE CABLES

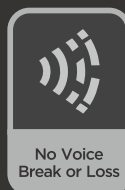
Solid annealed, highly pure and conductive bare copper of 0.4 / 0.5 diameter insulated with high density polythylene, is designed for voice clarity, elemination of cross-talk and echo. GreatWhite Telephone Cables ensure improved transmission quality, unimpaired and clear reproduction of voice.



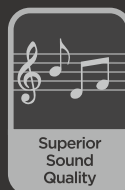
Telephone & Switch Board Cable

HSN CODE: 85444992

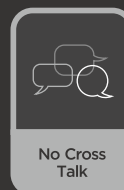
Nos. of Pair	0.4				0.5			
	Product Code	Nom Dia mm	MRP Rs (100m)	Std Pkg (100m)	Product Code	Nom Dia mm	MRP Rs (100m)	Std Pkg (100m)
1	TC-1P-0.4-100	2.4	Please refer to the Price List	12	TC-1P-0.5-100	3.1	Please refer to the Price List	12
2	TC-2P-0.4-100	3.1		8	TC-2P-0.5-100	3.9		8
3	TC-3P-0.4-100	3.5		6	TC-3P-0.5-100	4.2		6
4	TC-4P-0.4-100	3.9		6	TC-4P-0.5-100	5.1		6
5	TC-5P-0.4-100	4.3		4	TC-5P-0.5-100	5.6		4
Electrical Parameter								
Nominal Conductor Diameter mm		DC Resistance Max at 20°C Ohm / km		Mutual Capacitance Max nf / km		Insulation Resistance in Air Min m - Ohm		Capacitance Unbalance Max pair to pair pf / km
0.5		92.2		50		10,000		250



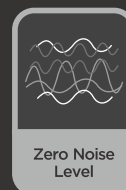
No Voice Break or Loss



Superior Sound Quality



No Cross Talk



Zero Noise Level



No Echo Sound

CO-AXIAL CABLE

Manufactured using electrolytic grade 99.97% and above pure solid bare inner copper, conductor for better signal transmission, insulated with gas injected foam polythylene, jelly flooded and 2-layer shielding, our co-axial cables offer high bandwidth, excellent sound quality and high fidelity picture clarity.

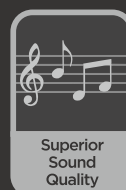


Co-Axial Cable (Gas Injected Physical Foam)

Type & Physical Parameters					Electrical Parameters				HSN CODE: 85442010		
Type of Cable	Product Code	Conductor Nominal Dia mm	Nom O / all Dia mm	Minimum Bending Radius mm	DC Resistance Max at 20°C Ohm / 100m	Nominal Capacitance pf / m	Nominal Impedance Ohm	Nominal Velocity Ratio %	Standard Packing Coil Length m	MRP Rs	Standard Box Packing Nos. of Coil
RG 6	RG-6F-0100	1.02	7	65	2.13	53	75	85	100	Please refer to the Price List	4
	RG-6F-0305			65	2.13				305		1
	RG-6F-0100CCS			75	9.20				100		4
	RG-6F-0305CCS			75	9.20				305		1



High BandWidth Max No. of Channels



Superior Sound Quality



High Fidelity Picture Clarity

LAN CABLES

Cat6 300 MHz UTP Lan Cable while possessing the performance characteristic of Cat5e, this higher category cable is designed for higher electrical performance (at 300 MHZ) and higher speed data transmission capacity for mission critical LAN application or structured cabling services.



- Low Attenuation and Cross Talk
- Low NEXT (Near End Cross Talk)
- Low Powersum NEXT
- Ideal for use in horizontal structured cabling.

CAT 6 300MHz

Electrical / Performance Characteristic

HSN CODE: 85442010

Product Code	Frequency	Attenuation Max (db/100)	NEXT Min (db)	ACR Min (db)	PS NEXT Min (db)	ACR PS NEXT Min (db)	ELFEXT Min (db/100)	PS ELFEXT Min (db/100)	Return Loss Min (db)	MRP Rs	Std Pkg 305m
CAT 6	1.00	1.98	76.81	74.79	75.54	73.56	70.75	67.75	42.27	Please refer to the Price List	1
	4.00	3.70	67.78	64.00	66.51	62.81	58.71	55.71	38.05		
	8.00	5.20	63.27	57.95	62.00	56.80	52.69	49.69	35.95		
	10.00	5.82	61.81	55.86	60.54	54.73	50.75	47.75	35.27		
	16.00	7.38	58.75	51.20	57.48	50.10	46.67	43.67	33.84		
	20.00	8.28	57.30	48.83	56.03	47.75	44.73	41.73	33.16		
	25.00	9.29	55.85	46.34	54.58	45.28	42.79	39.79	32.48		
	31.25	10.43	54.39	43.72	53.12	42.69	40.86	37.86	31.80		
	62.50	15.04	49.88	34.49	48.61	33.56	34.83	31.83	29.70		
	100.00	19.37	46.81	27.01	45.54	26.17	30.75	27.75	28.27		
	120.00	21.40	45.63	23.76	44.36	22.96	29.17	26.17	27.71		
	140.00	23.28	44.62	20.83	43.35	20.07	27.83	24.83	27.24		
	175.00	26.34	43.17	16.29	41.90	15.56	25.89	22.89	26.57		
	200.00	28.38	42.30	13.32	41.03	12.65	24.73	21.73	26.16		
	220.00	29.94	41.68	11.11	40.41	10.47	23.90	20.90	25.87		
	240.00	31.44	41.11	9.01	39.84	8.40	23.15	20.15	25.61		
	250.00	32.17	40.85	8.00	39.58	7.40	22.79	19.79	25.48		
	300.00	35.69	39.66	3.23	38.39	2.70	21.21	18.21	21.93		





Wires & Cables

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Dealer Stamp